

FIGURE 1 - PRIOR ART

USE MAIL
Aug 14, 2000

Please bring entire bill if payment is made in person or return stub with your payment by mail.

08 2910 0318
S

The Gas Company
P O Box

081100BL 0168 035482 1 AV 0 243
MARLIN BARRERA

1257 W 41ST ST
LOS ANGELES CA 90037-1705

|||||

Your Account Number
078 405 8410 3

102 101

80 078 405 8410 00001597 37 078 405 8410 00001597 37

103 101 104 101

100

Total Amount Due
\$15.97
Please Pay This
Amount By 09/01/00

FIGURE 2 - PRIOR ART

Electric Company WE

025104183313070169440494084148114

Account Number	Service To	Amount Due	Amount Enclosed
HTC 71 69444-4	08/09/00	\$148 11	

H:1.3.327 1 AC 0.238 **C033

DIANE M LEWIS
3701 LIZ DR
BAKERSFIELD CA 93312-2308

Box
Sacramento, CA
95899-7300

08/10

Please return this portion with your payment. Thank you

0x 251

200

201

202

FIGURE 3 - PRIOR ART

Return This Section With Your Payment

22032107017 4500518

***** AUTOOCR **C037

|||||

JAMES BARBERA
191 ERIAL RD
PINE HILL, NJ 08021-4427

PO Box
Folsom, NJ 08037-4000

Past Due After Aug 12 2000 Please Pay \$45.00

301

300

☐ YES! I want pipe protection at \$1.50 per month

☐ Check for name address, phone corrections

FIGURE 4 – PRIOR ART

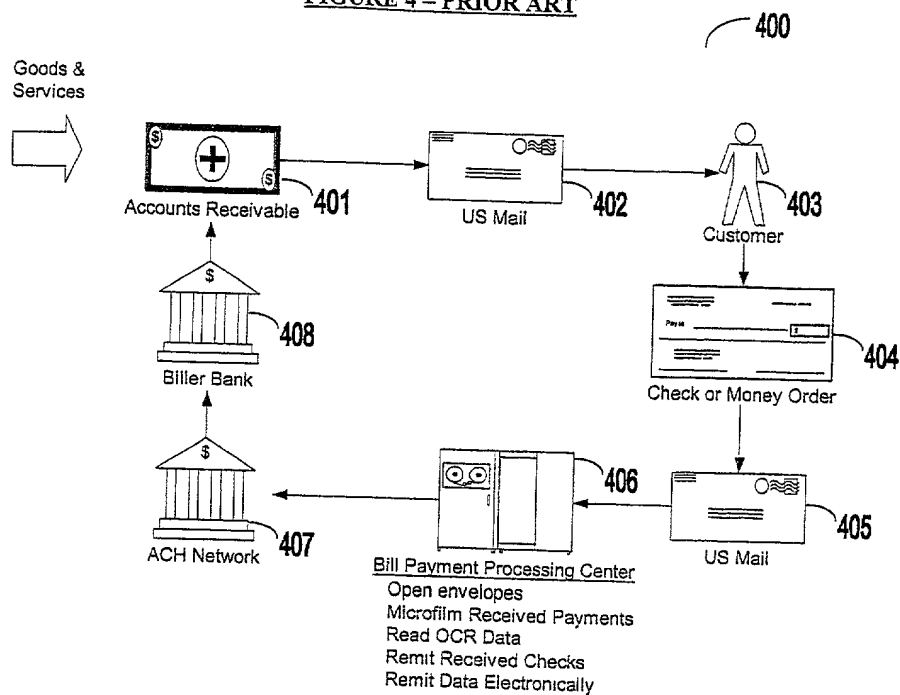


FIGURE 5

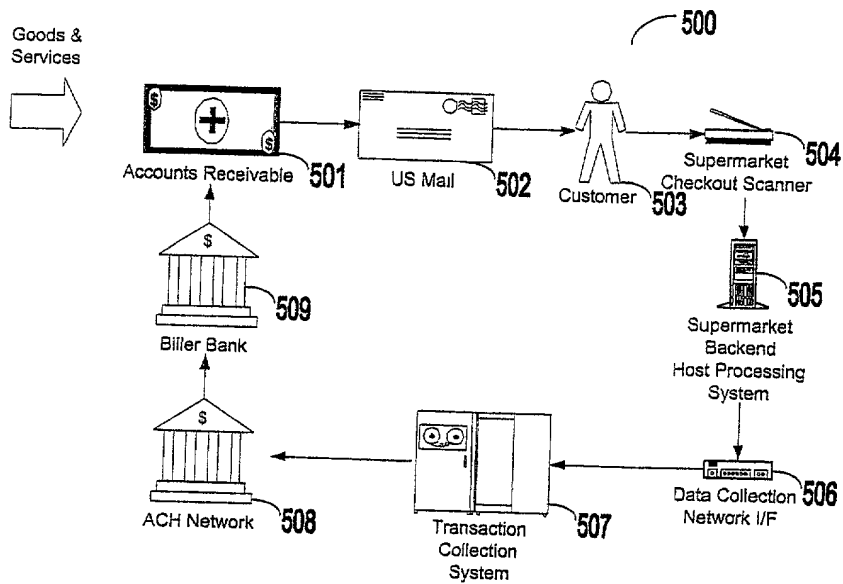


FIGURE 6

600

L1 Bar Code Symbology with Embedded Check Symbol ← 601

L2 (fd) (.....data.....) (cd) ← 602

L3 (fd) (.....data.....) (.....data.....) (cd) ← 603

L4 (fd) (...data....) (cd) (fd) (.....data....) (.....data....) (cd) ← 604

⋮

Ln ← 605

FIGURE 7

700

L1 Bar Code Symbology with Embedded Check Symbol

L2 (.....data.....) (fd) (cd)

L3 (.....data.....) (.....data.....) (fd) (cd)

L4 (...data....) (fd) (cd) (.....data....) (.....data....) (fd) (cd)

⋮

Ln

FIGURE 8

LEVEL 1 ENVELOPE 800



FIGURE 9

LEVEL 2 ENVELOPE

130001735076405841036 3

900

Digit	Weight	Digit*Weight	Sum of Digits	Running Sum
1	1	1	1	1
3	3	9	9	10
0	1	0	0	10
0	3	0	0	10
0	1	0	0	10
1	3	3	3	13
7	1	7	7	20
3	3	9	9	29
5	1	5	5	34
0	3	0	0	34
7	1	7	7	41
6	3	18	9	50
4	1	4	4	54
0	3	0	0	54
5	1	5	5	59
8	3	24	6	65
4	1	4	4	69
1	3	3	3	72
0	1	0	0	72
3	3	9	9	81
6	1	6	6	87
3				

FIGURE 10

LEVEL 3 ENVELOPE

1000

Format Designator Value – 3

Example – 3 000173 5 0764058410 3 6

1 Digit Format Designator Value = 3

1001

6 Digit Biller Identification Number

1002

1 Check Digit of preceding 6 digits using 371371 weights, MOD10 algorithm

1003

Number of Components (1 Fixed Length (7), 1 Variable Length) (By Definition)

1004

Customer Account Number with embedded (and known algorithm) check digit (3)

1005

Calculated check digit of Level 3 data using 2121... weights, Split MOD10 algorithm (6)

1006

FIGURE 11

LEVEL 3 ENVELOPE

1100

Format Designator Value – 4

Example – 3 000173 5 0764058410 3 4

1 Digit Format Designator Value = 4

1101

6 Digit Biller Identification Number

1102

1 Check Digit of preceding 6 digits using 371371 weights, MOD10 algorithm

1103

Number of Components (1 Fixed Length (7), 1 Variable Length) (By Definition)

1104

Customer Account Number with added check digit to be discarded before presentment to biller (3)

1105

Calculated check digit of Level 3 data using 2121... weights, Split MOD10 algorithm (4)

1106

FIGURE 12

VALID ACCOUNT NUMBER

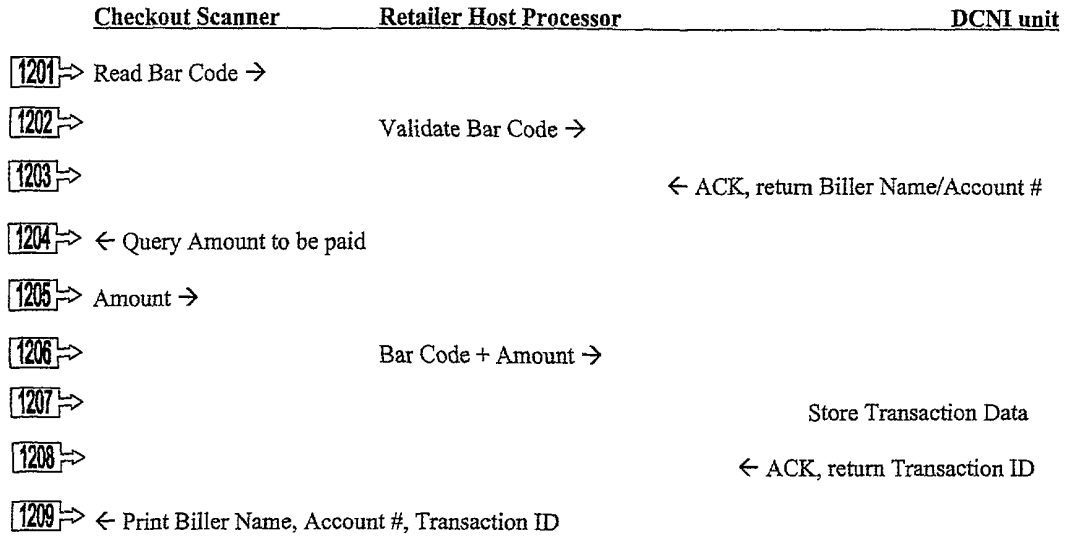


FIGURE 13

INVALID ACCOUNT NUMBER

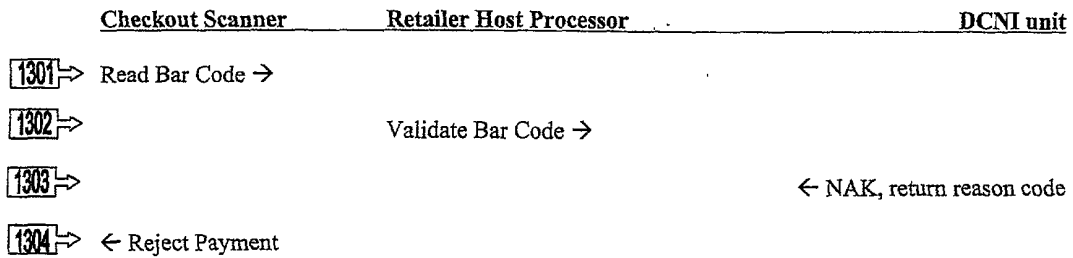


FIGURE 14

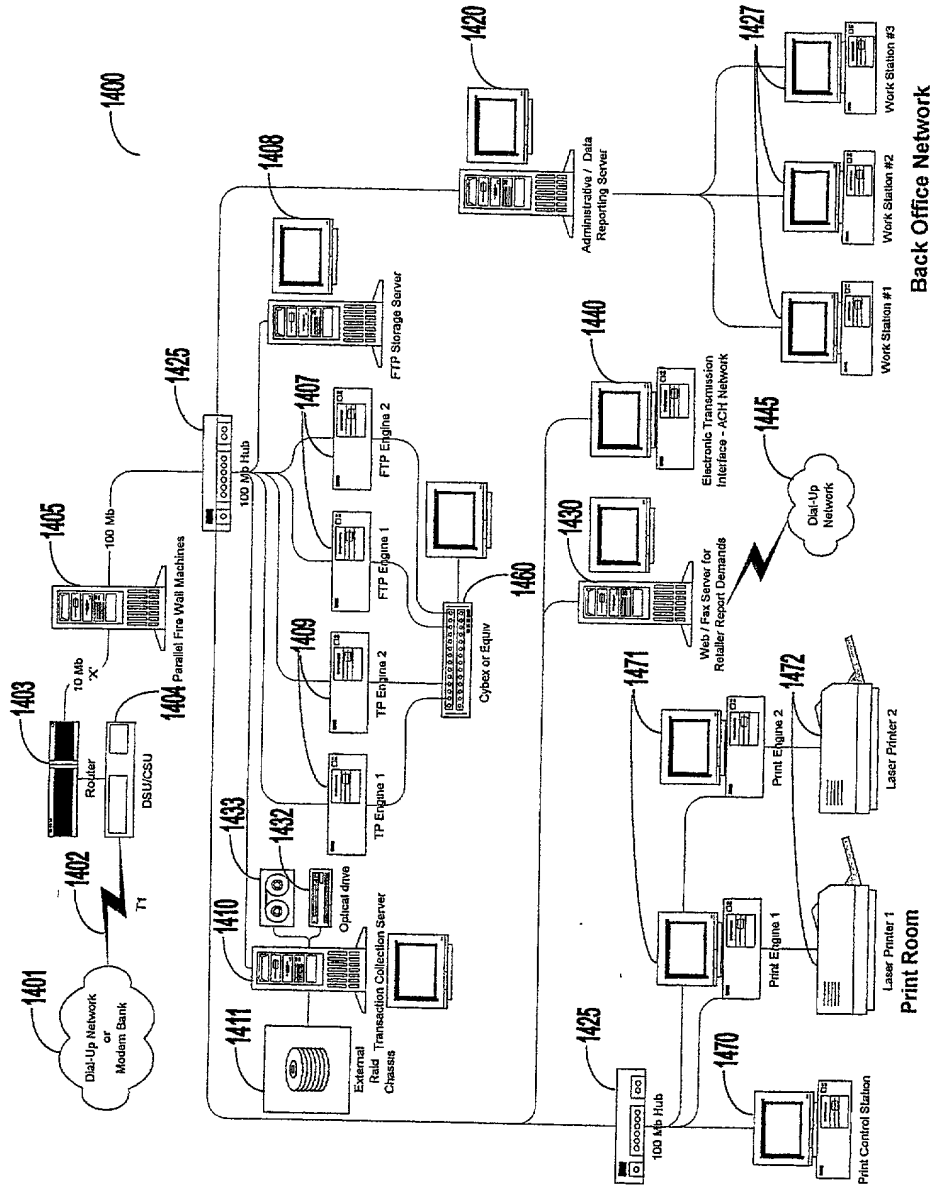


FIGURE 15

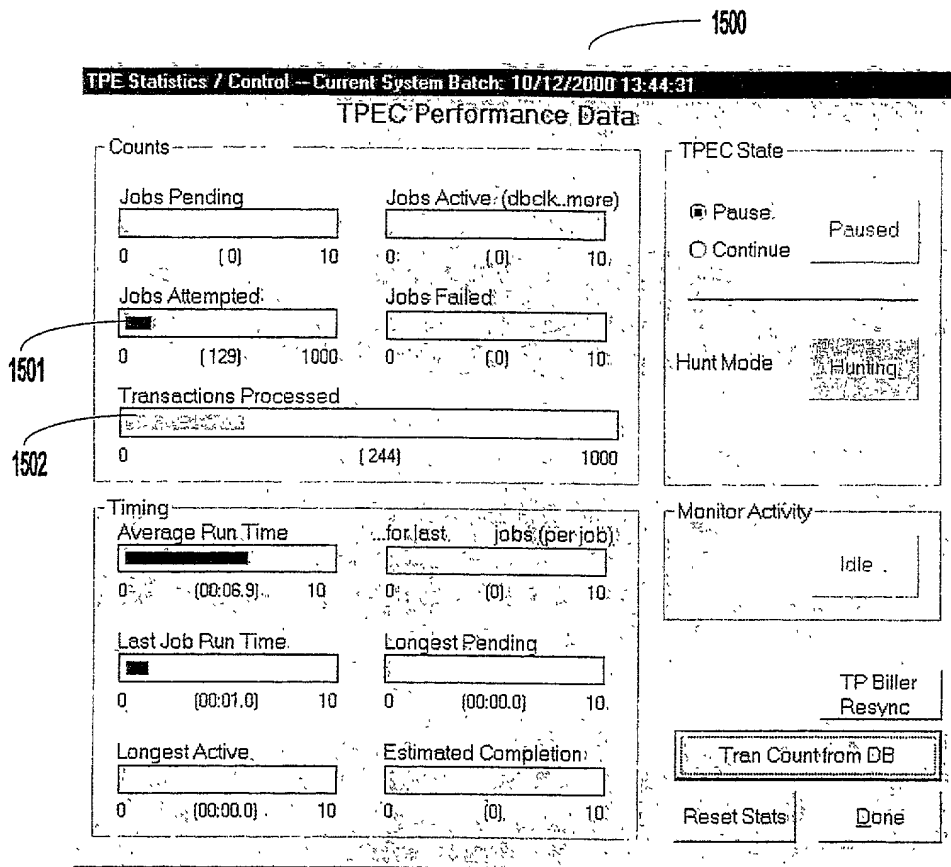


FIGURE 16

1600

SMS, Version: 1.48 6/22/00

Tools

Distributors

ID	Name
5	Maine/NH
6	LA East
7	Las Vegas
8	Tenn/Miss
9	North Central Californ
10	New Mexico
11	LA West
12	NY/NJ

Sites/Agents

Site	Agent Name
000012	New York / New Jers
000912	NY/NJ Training Term
147224	McDermott Pharmacy,
147231	C-Town Supermarket
147483	Hospital Pharmacy
147497	Communications of A
147511	CCP Check Cashing
147525	United Check Cashing
147595	United Ck Cashing -
147623	Roman Express Servi
147630	E & A Grocery
147644	United Check Cashing
147700	Amboy Check X Change
147707	Marin Travel
147714	Express Check Cashi
147721	Express Check Cashi

Directory Structure

- z:\inetpub\ftproot
 - achdata
 - achreports
 - billspool.dir
 - commlogs
 - csxfer
 - distributor_1
 - distributor_10
 - distributor_11
 - distributor_12
 - instructions
 - outbound
 - instructions
 - site_000012
 - instructions
 - site_000912
 - instructions
 - site_147224
 - instructions
 - site_147231
 - site_147483
 - site_147497
 - site_147511
 - instructions
 - site_147525
 - site_147595
 - site_147623

PT's Allowed: 17 PT's FTP Server Count: 2 CAPS INVT: 10/16/2000 6:53 AM

FIGURE 16

FIGURE 17

End of Batch Manager, Version: 1.42d-branch 8/14/00

System Batch

Current Batch: Oct 17 2000 1:55:31 PM

Next Batch: Oct 18 2000 9:00:00 AM

Time Left: 02:44:52

Hold

Rollover Now

Manual Edit Counts

Closed Batch: 0

Open Batch: 0

Move pending manual edits to the next Batch

Consolidation

Phase:

Table:

Reporting

Report:

Skip

Trimming

Phase:

Table:

Archiving

Check Printing

Checks left to print: 0

Reports

Override

Exit

The CS is collecting jobs, waiting for the next rollover to occur.

1800

FIGURE 18

1802

ETI, Version: 2.30-dev 8/15/00

1801

Input Data

System Batch Number

2000/09/27 13:04:00

2000/09/28 13:09:17

2000/09/29 13:17:45

2000/10/02 11:46:12

2000/10/03 13:02:50

2000/10/04 13:33:57

2000/10/05 13:38:12

2000/10/06 13:39:37

2000/10/09 13:07:15

2000/10/10 12:45:51

2000/10/11 13:35:09

2000/10/12 13:44:31

Partners in selected system batch:

Bell Atlantic, NJ

CitiBank

Chp. (Central Maine Power)

MCRPS

PNM

USWest

Transaction Count

8

26

0

416

44

41

Total Amount

1,226.58

3,865.72

0.00

17,967.98

2,084.31

2,559.86

Holiday Skip

1802

Edit Configuration

Edit Electronic Trading Partner Details

Ungray Create

Map Biller to Electronic Trading / Memo Posting Partner

Create New Electronic Batch

Show Currently Disabled Partners As Well

Refresh

Current Electronic Batches

Hide Deleted Batches

Hide Completed Batches

Search Back Days: 10

Ending SBN	Starting SBN	BatchID	Status	Partner Name	Amount	ACH Info	Time Added	Time Queued
2000/10/11 13:35:09	2000/10/11 13:35:09	002210	Complete	USWest Memo ..	1,673.23	Memo Pos ..	2000/10/11 14:47:03	2000/10/11 14:47:03
2000/10/11 13:35:09	2000/10/11 13:35:09	002211	Complete	USWest Memo ..	554.49	Memo Pos ..	2000/10/11 15:16:25	2000/10/11 15:16:25
2000/10/11 13:35:09	2000/10/11 13:35:09	002212	Complete	USWest Memo ..	1,055.45	Memo Pos ..	2000/10/12 02:46:26	2000/10/12 02:46:26
2000/10/11 13:35:09	2000/10/11 13:35:09	002213	Complete	USWest	2,558.86	20001012 ..	2000/10/12 14:19:04	2000/10/12 14:30:29
2000/10/11 13:35:09	2000/10/11 13:35:09	002214	Complete	CitiBank	3,865.72	20001012 ..	2000/10/12 14:20:22	2000/10/12 14:29:29
2000/10/11 13:35:09	2000/10/11 13:35:09	002215	Complete	PNM	2,084.31	20001012 ..	2000/10/12 14:20:54	2000/10/12 14:29:29
2000/10/11 13:35:09	2000/10/11 13:35:09	002216	Complete	MCRPS	17,967.98	20001012 ..	2000/10/12 14:21:34	2000/10/12 14:29:29
2000/10/11 13:35:09	2000/10/11 13:35:09	002217	Complete	Bell Atlantic, NJ	1,226.58	20001012 ..	2000/10/12 14:28:17	2000/10/12 14:29:29
2000/10/12 13:44:31	2000/10/12 13:44:31	002218	Complete	USWest Memo ..	1,104.95	Memo Pos ..	2000/10/12 14:46:25	2000/10/12 14:46:25

Selected: (none)

Delete

Queue

Print

Gen. Report on Completion

Response File Reports

NUM

CAPS

INS

10/16/2000

6:35 AM

10/11/2000 14:27:13

1901

1902

1903

1904

1900

FIGURE 19

Electronic Transaction Detail - 10/11/2000 13:55:09 - MERPS - Total 17,967.98									
Bill To Name	Batch Number	Card	Card ID	Account Number	Amount				
Pacific Bell/Van Nuys	10/11/2000 14:27:13	14766020001011142713	67	3232355419325	28.92				
Gas Company	10/11/2000 14:28:57	14942920001011140848	38	04142897006	62.74				
Gas Company	10/11/2000 14:30:57	15169020001011143057	30	09212229000	52.57				
Pacific Bell/Van Nuys	10/11/2000 14:30:57	15169020001011143057	31	10472233278	62.09				
Pacific Bell/Van Nuys	10/11/2000 14:32:27	15133320001011141214	36	3232330153386	16.47				
Pacific Bell/Van Nuys	10/11/2000 14:32:27	15133320001011141214	39	3232345545400	15.47				
Verizon-PO 30007	10/11/2000 14:37:08	15116520001011143708	23	3237213017757	43.11				
Gas Company	10/11/2000 14:37:08	15116520001011143708	24	012863119714133204	26.15				
Gas Company	10/11/2000 14:38:13	14942920001011143913	39	13792569355	16.51				
Gas Company	10/11/2000 14:38:13	14942920001011143913	41	11872358669	19.69				
Pacific Bell/Van Nuys	10/11/2000 14:41:13	15241120001011140043	40	1546007533663	14.87				
Pacific Bell/Van Nuys	10/11/2000 14:41:31	15279620001011144131	30	3232330153386	23.30				
Pacific Bell/Van Nuys	10/11/2000 14:41:31	15279620001011144131	26	7149221087141	134.83				
Pacific Bell/Van Nuys	10/11/2000 14:41:31	15133320001011141214	27	7145422082046	78.46				
Gas Company	10/11/2000 14:42:52	15206120001011144805	28	7146670883861	34.92				
Gas Company	10/11/2000 14:46:05	15206120001011144805	40	3232354980440	55.21				
Pacific Bell/Van Nuys	10/11/2000 14:46:05	15206120001011144805	28	3232222330254	5.89				
Pacific Bell/Van Nuys	10/11/2000 14:50:57	15241120001011145057	40	145310893	170.62				
Edison Company-Box 600	10/11/2000 14:50:57	15241120001011145057	32	15610083004	17.96				
Gas Company	10/11/2000 14:50:57	15241120001011145057	35	15150075766	9.45				
Gas Company	10/11/2000 14:50:57	15241120001011145057	37	11100103701	51.70				
Gas Company	10/11/2000 14:50:57	15241120001011145057	41	02380083008	47.93				
Gas Company	10/11/2000 14:50:57	15241120001011145057	33	08563592348	15.25				
Gas Company	10/11/2000 14:50:57	15241120001011145057	33	3232354980440	30.67				
Pacific Bell/Van Nuys	10/11/2000 14:50:57	15241120001011145057	36	3237525463426	29.25				

Box 10324

Box 10324

Box 10324

